



National Weather Service Southeast River Forecast Center



Daily Operational Support Message

issued

Sunday, October 9th , 2016

for

South Carolina



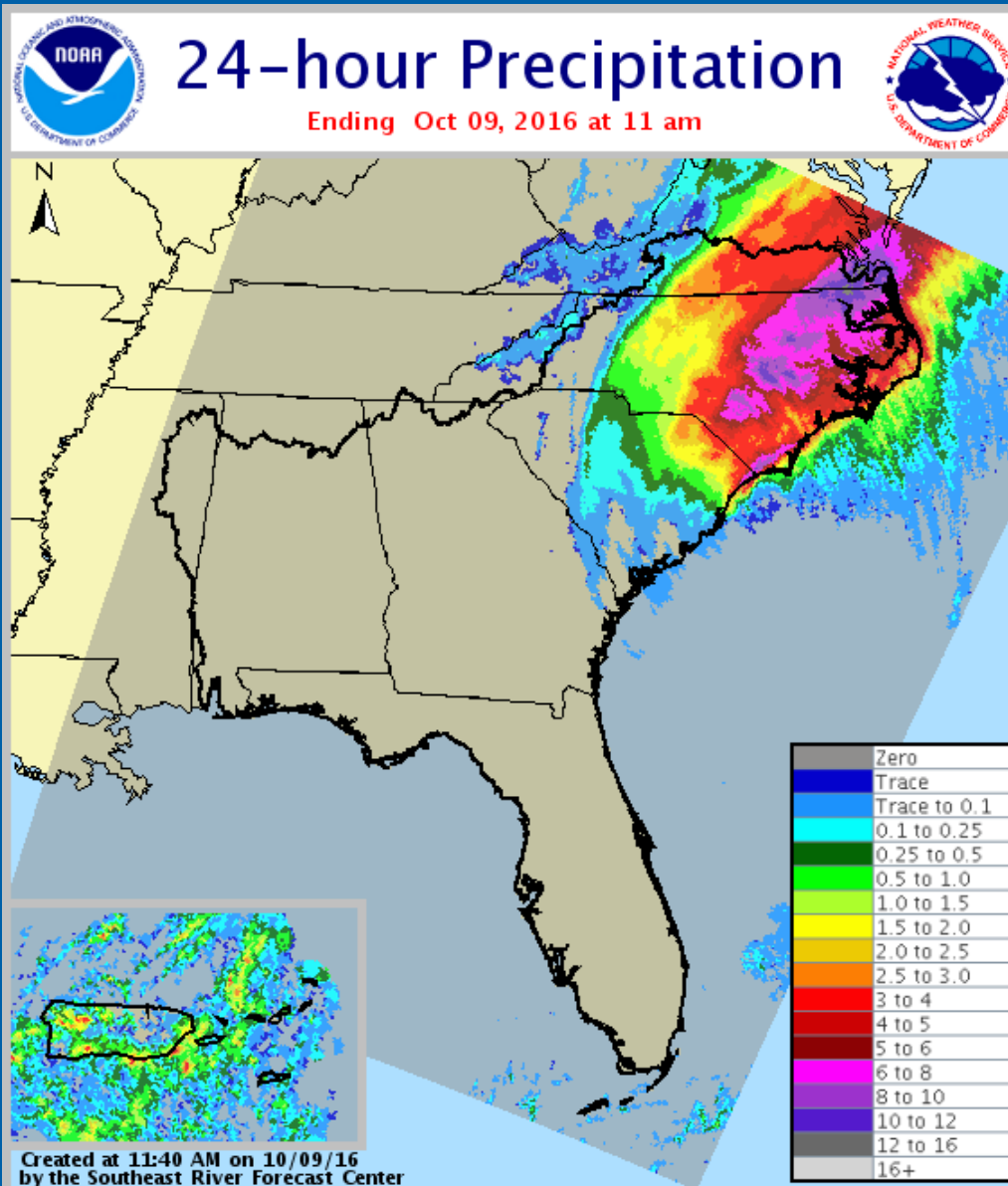
Key Points



- Matthew is headed east out to sea and taking the precipitation with it. Rain has ended and no rain is expected in the coming week.
- Flooding throughout the eastern halves of North Carolina, South Carolina, and Virginia. Record flooding in some areas with flooding disrupting the roads and inundating communities. Stay safe and don't drive into flooded areas.
- Please check with local weather forecast offices and emergency management for local impacts in your area.



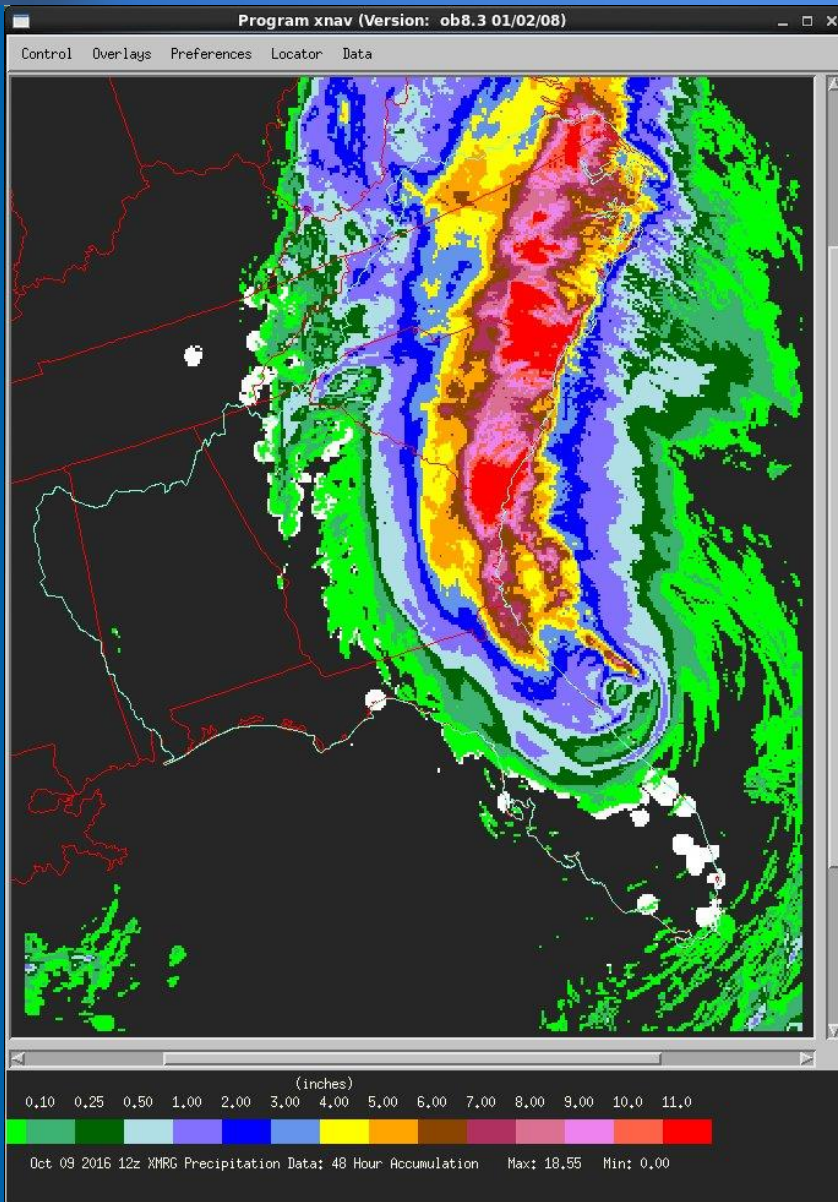
Past precipitation



- Heavy rain in North Carolina and Virginia with totals during the last 24 hours in the 12-14 inch range in some areas. This rain came in a very short period of time and produced significant runoff and flooding
- Please remember...if using the powerpoint, this graphic updates each time it is opened and it is a running 24 hour total.



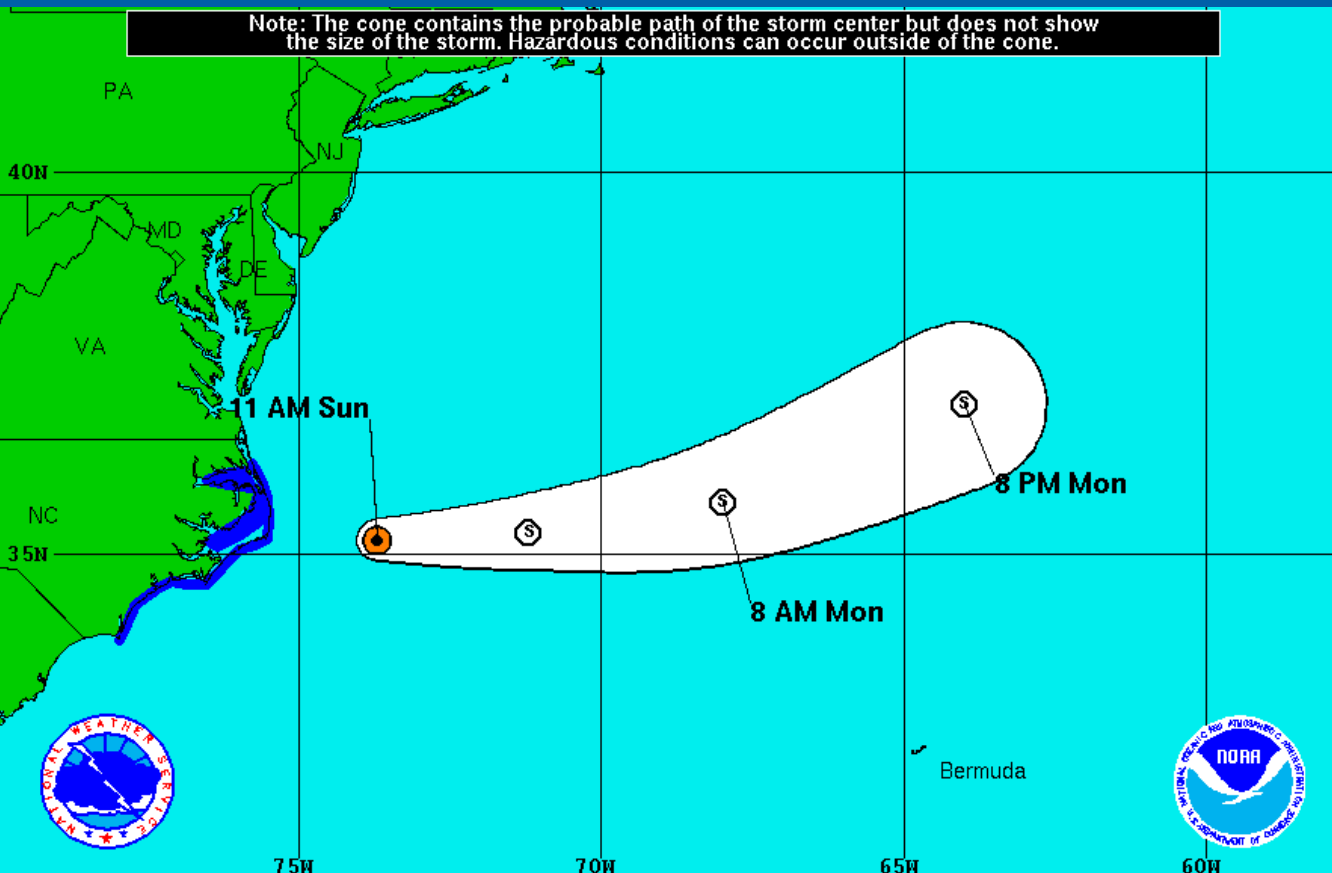
Past precipitation 48 hours



- Here is the 2 day total rainfall radar estimates from Friday at 8 am to Sunday at 8 am.
- Widespread areas above 11 inches shown here with some areas receiving up 18 inches of rain.
- This rain has caused significant flooding in many areas.



Current Tropical Outlook



- Matthew has become extratropical and is moving out to sea.
- This is likely the last we will see of Matthew ever again.

Post-Tropical Cyclone Matthew

Sunday October 9, 2016

11 AM EDT Advisory #6

NWS National Hurricane Center

Current Information:

Center Location 35.2 N 73.7 W
Max Sustained Wind 75 mph
Movement E at 15 mph

Forecast Positions:

● Tropical Cyclone ○ Post-Tropical
Sustained Winds: D < 39 mph
S 39-73 mph H 74-110 mph M > 110mph

Potential Track Area:

Day 1-3 Day 4-5

Watches:

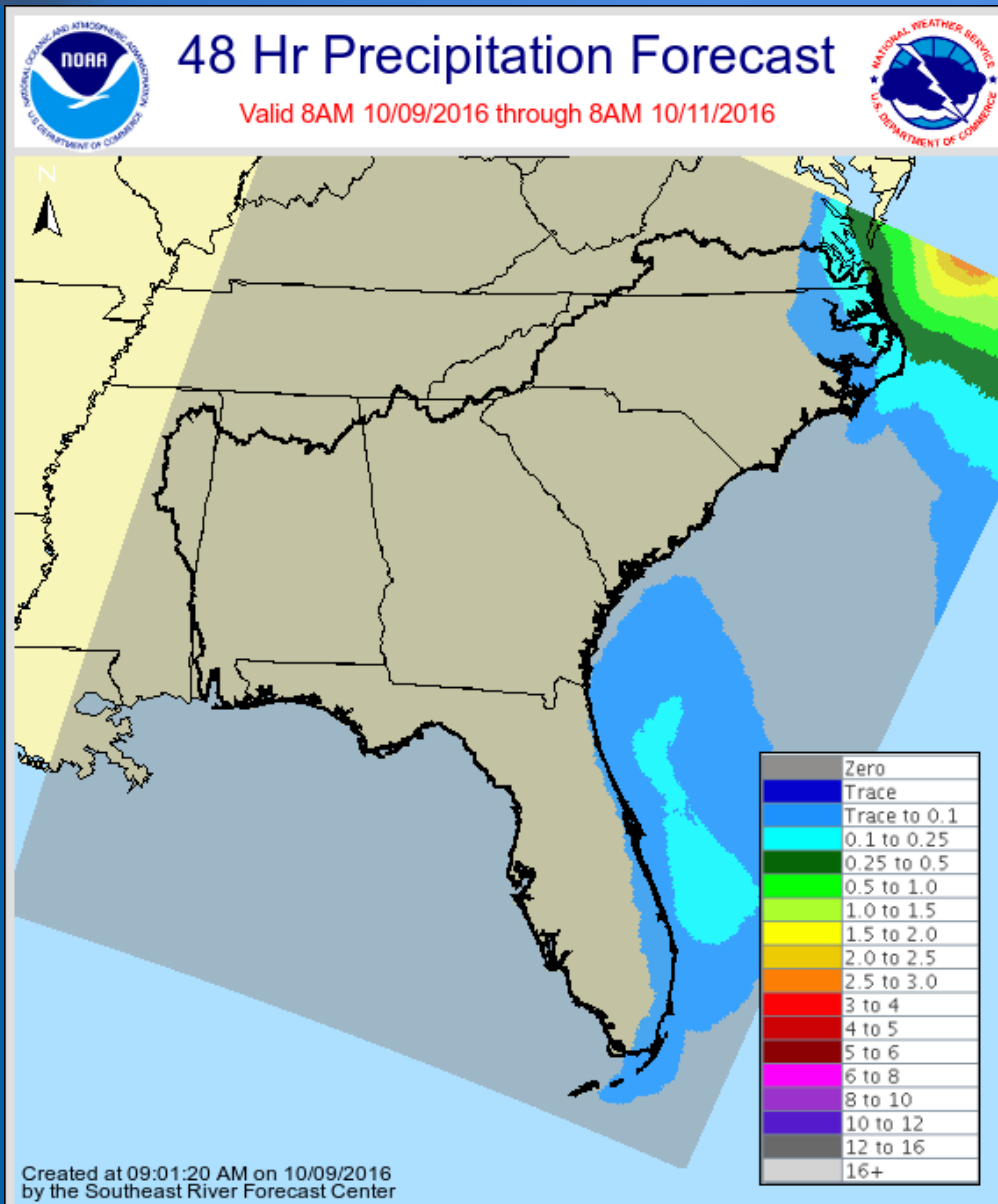
Hurricane Trop.Storm

Warnings:

Hurricane Trop.Storm



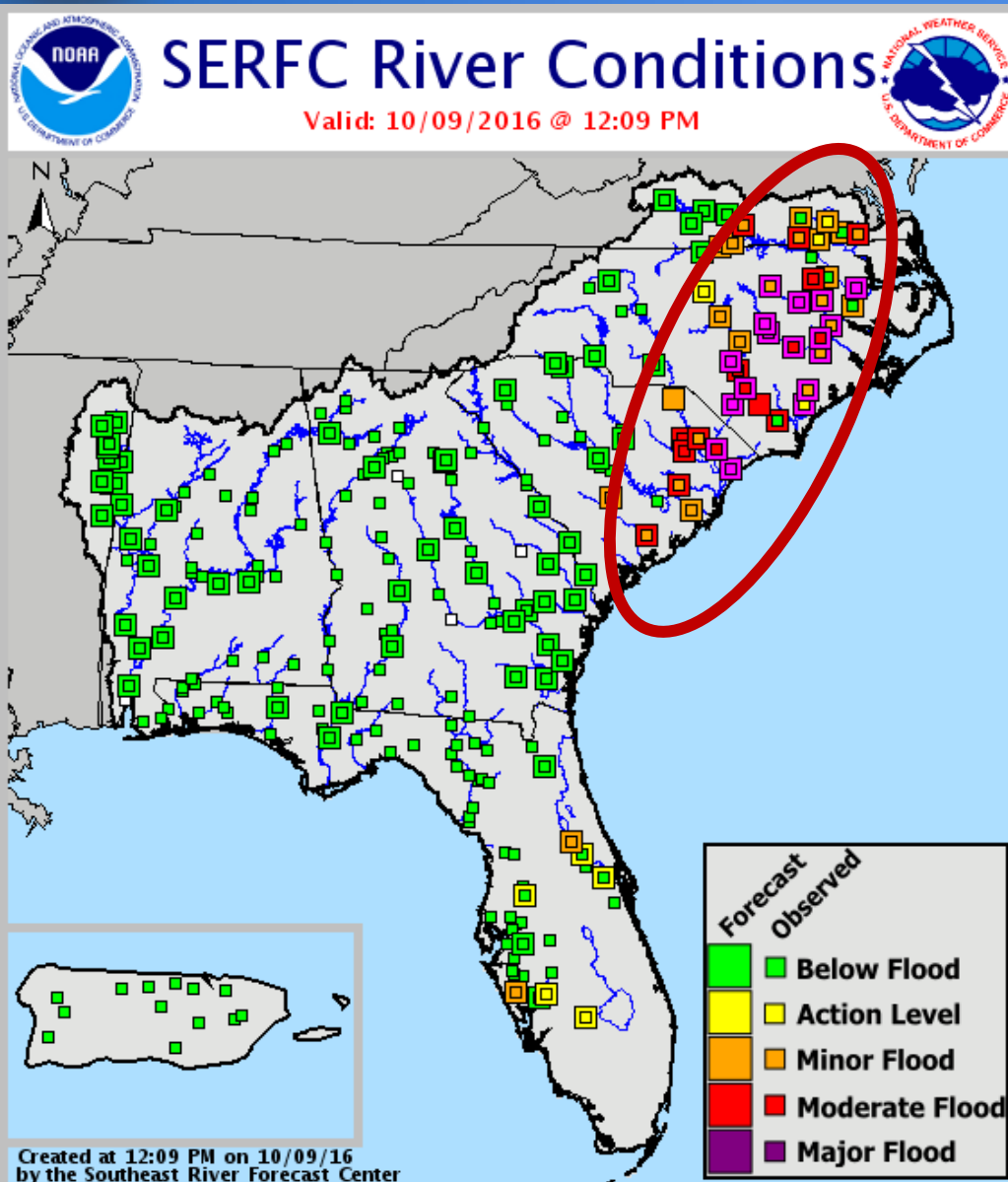
48-hr Precipitation Forecast



- 48-hour rainfall forecast beginning 8 am today through 8 am Tuesday.
- Fortunately, we are not expecting any more rainfall through the work week in most of the southeast as high pressure dominates.
- Our next possibility of rain will be at least next weekend.



Current River Status

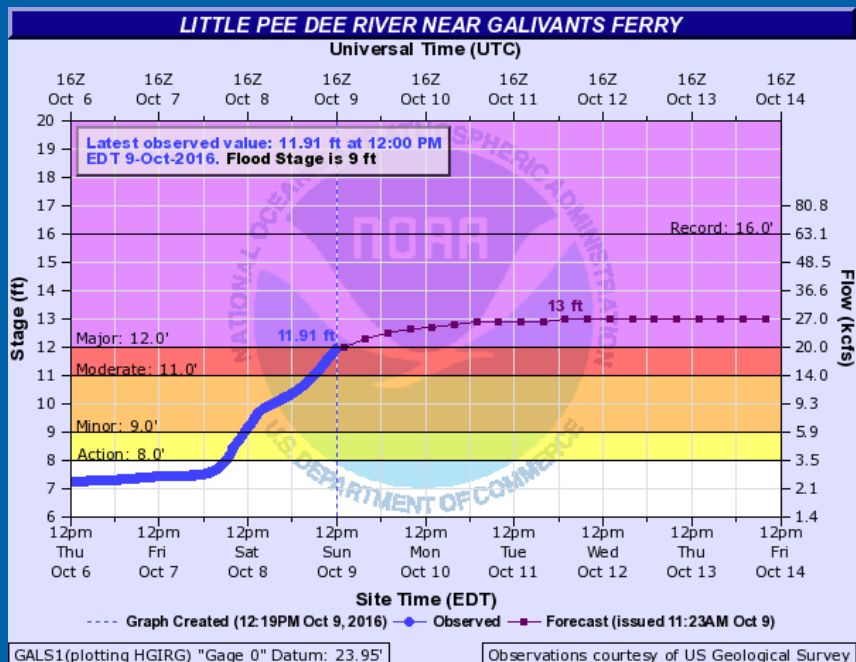
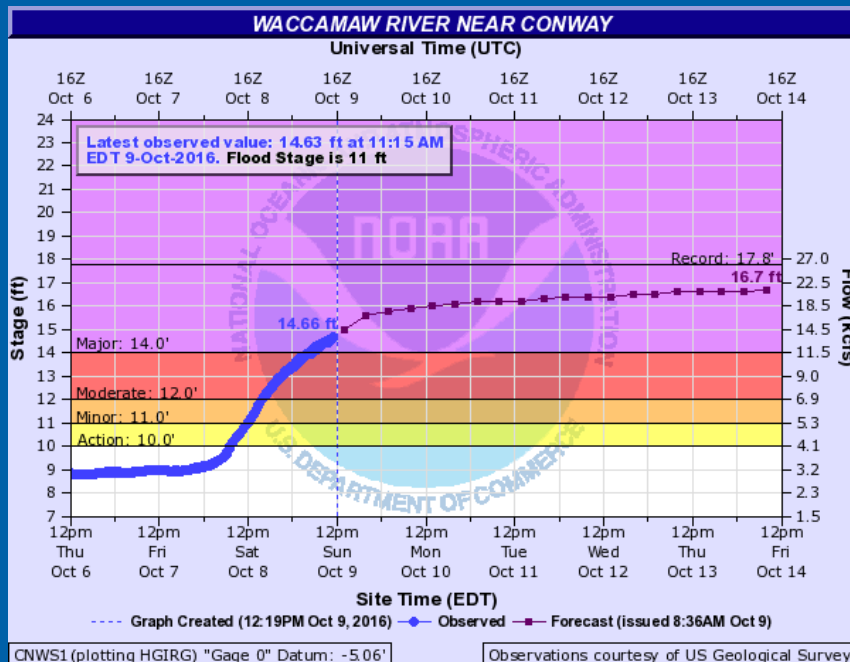


- The red oval shows most impacted areas due to heavy rain in the area.
- Hydrographs of the area will follow. They focus on the areas most impacted.
- Areas outside of our forecasted river basins will also be affected...check with local authorities before driving into impacted areas.



River Forecasts

- The powerpoint will allow you to open these and they will automatically update to the most recent forecast.
- For those using the pdf version, you can click on the hydrograph and it will take you to more information on the National Weather Service AHPS page.

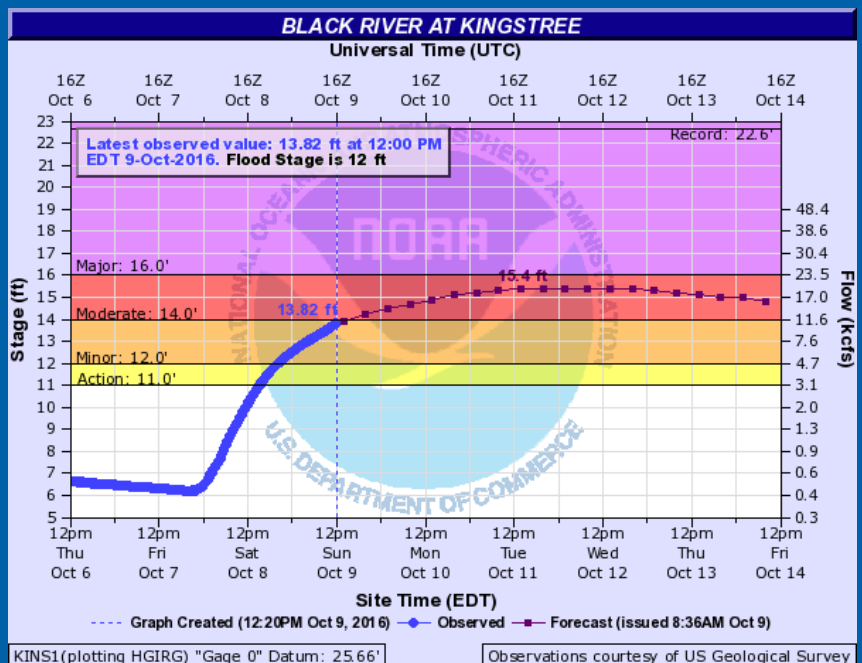
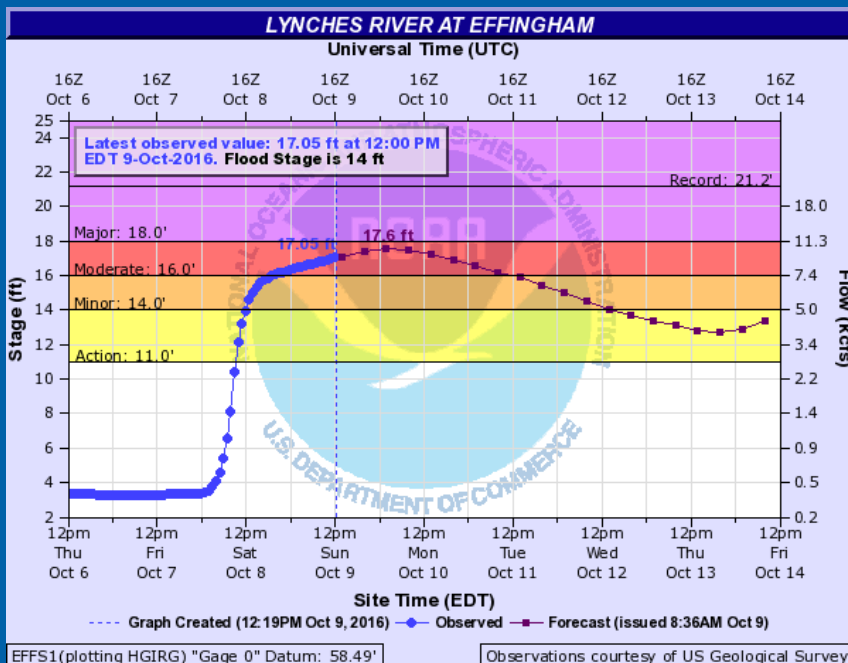




River Forecasts



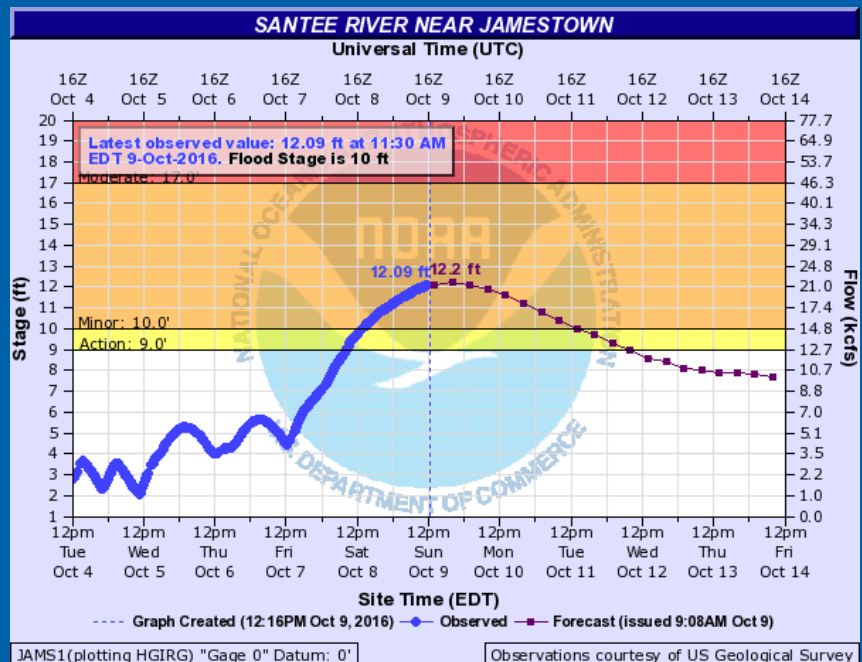
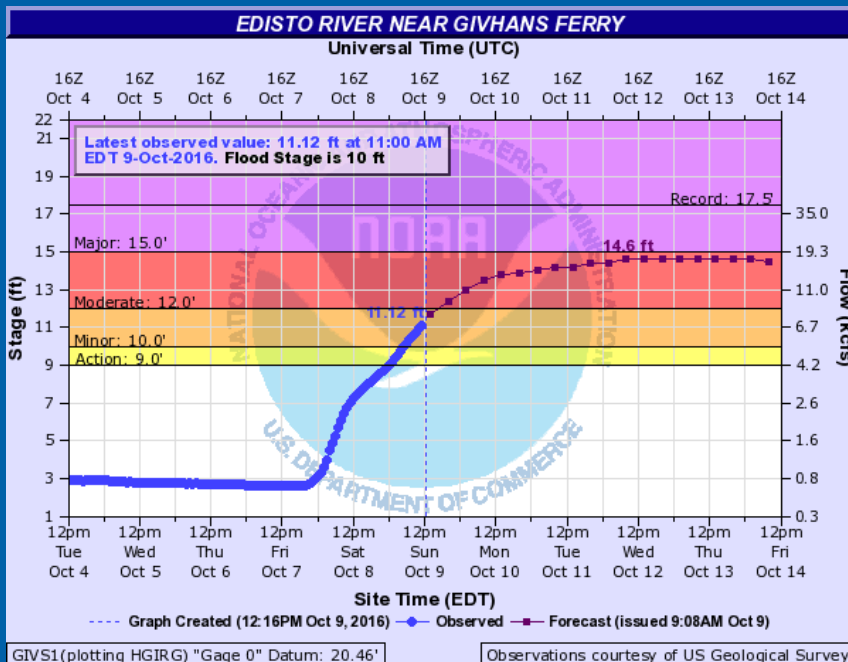
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River Forecasts

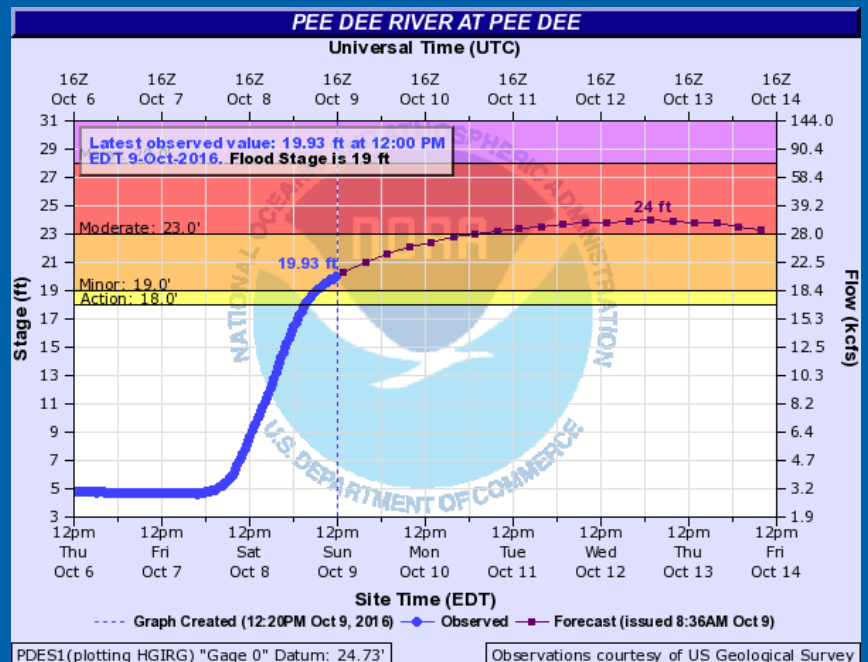
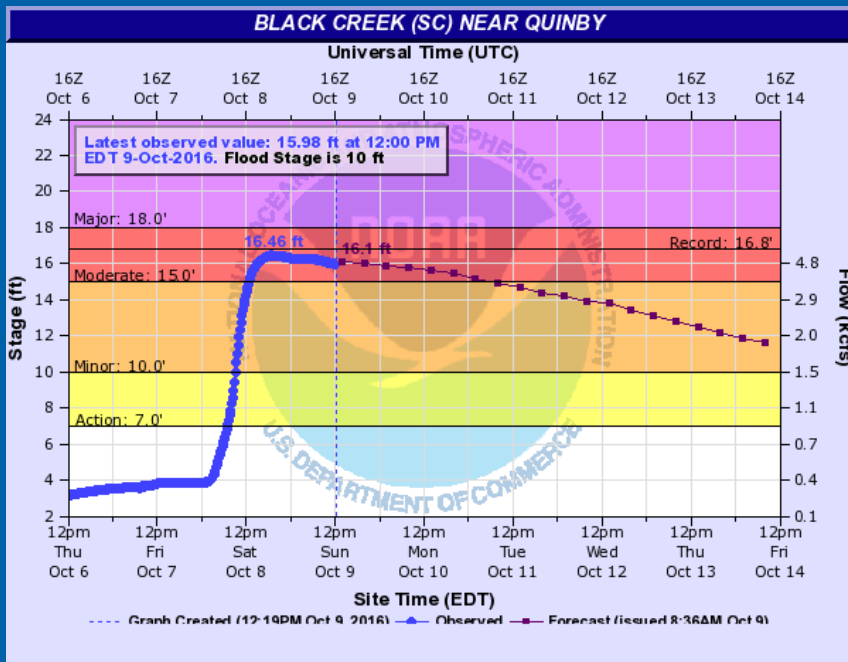
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SERFC Operational Status



- SERFC will remain on 24-hour operations. Please contact us if you have any questions or concerns.
- The Daily Operational Support message will be issued Monday.
- Today's morning forecasts are available at:
<http://weather.gov/serfc>
- Please send all operational correspondence to
sr-alr.rivers@noaa.gov or call the office directly.



Helpful Bookmarks



- Monitor the NWS weather radar:
<http://radar.weather.gov/Conus/southeast.php>
- SERFC Quick Briefing Page:
<http://www.weather.gov/serfc/?n=quickbrief>
- NWS National 5-day rainfall forecasts
<http://www.wpc.ncep.noaa.gov/qpf/qpf2.shtml>
- NWS Meteorological Model Ensemble 7-day probabilistic river forecasts
<http://www.weather.gov/erh/MMEFS>



About this Briefing



- *The Daily Operational Support Message will continue tomorrow to update you on current conditions and changes to the forecast.*
- *These slides are intended for your use. Please feel free to share these with others. If you have any questions please email sr-olr.rivers@noaa.gov or contact your local NWS Weather Forecast Office.*
- *Remember: SERFC briefings cover freshwater flooding. For information on coastal and tidal flooding, flash floods, winds, and severe weather risks, please contact your local Weather Forecast Office.*